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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

Typed or Printed Name Wilhelm Albert Palmen Jr.

Signature

Wilhelm Albert Palmen Jr.

Date August 31, 2000

RECEIVED

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

SEP 14 2000

TECH CENTER 1600/2900



SEP 12 2000

TECH CENTER 1600/2900

Attorney Docket OLIG-020

First Named Inventor Roderic M.K. Dale

Application Number 09/408,761

Filing Date September 29, 1999

Group Art Unit 1631

Examiner Name J. Lundgren

Title: "METHODS FOR PRODUCTION OF ARRAYS WITH MODIFIED OLIGONUCLEOTIDE AND POLYNUCLEOTIDE COMPOSITIONS"

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☒ Supplemental Amendment Under 37 C.F.R. § 1.111

☒ Three Month Extension of Time Request

☒ Copy of Office Communication dated 07/31/00

☒ Certification Regarding Sequence Listing w/ Paper Copy of Sequence Listing and Sequence Listing in CRF

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53 (with copy of Notice to File Missing Parts)

☐ Issue Fee Transmittal (with copy of PTOL-85B)

☐ Formal Drawing(s)

☐ Licensing-related Papers

☐ Petition Routing Slip and Accompanying Petition

☐ To Convert a Provisional Application

☐ Power of Attorney
☐ Revocation
☐ Associate

☐ Change of Correspondence Address

☐ Terminal Disclaimer

☐ Small Entity Statement

☐ Request for Refund

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Additional Enclosure(s) (please identify below):
Return Postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name Dianna L. DeVore

Registration No. 42,484

Firm Name BOZICEVIC, FIELD & FRANCIS LLP

Signature *Dianna L. DeVore*

Date August 31, 2000

FEE TRANSMITTAL

Note: Effective October 1, 1990
Patent fees are subject to annual revision.

SEP 05 2000
PATENT & TRADEMARK OFFICE

SEP 14 2000

Attorney Docket Number 01-020

First Named Inventor Roderic M.K. Dale

Application Number 09/408,761

Filing Date September 29, 1999

Group Art Unit 1631

Examiner Name J. Lundgren

1. ☐ A Check Is Enclosed

2. ☒ The Commissioner is hereby authorized to charge the following and any additional fees including fees required under 37 CFR 1.16 and 1.17 and credit any overpayments to: Deposit Account No. 50-0815.

Deposit Account Name: Bozicevic, Field & Francis LLP

FEE CALCULATION

1. FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Due
101	690	201	345	Utility filing fee	\$
102	310	206	155	Design filing fee	
104	480	207	240	Plant filing fee	
109	690	208	345	Reissue filing fee	
110	150	214	75	Provisional filing fee	
Subtotal (1)					\$0.00

2. CLAIMS

No. of claims as filed or after amendment	Most claims previously paid	Extra claims	Fee from below	Fee Due
Total claims 11	21	0	9.00	\$0.00
Ind. claims 1	9	0	39.00	\$0.00
Multiple Dependent claims				

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Due
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim	
109	78	209	39	Reissue independent claims over original patent	
110	18	210	9	Reissue claims in excess of and over original patent	
Subtotal (2) 0.00					

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Due
105	130	205	65	Surcharge - late filing fee or oath	
139	130	139	130	Non-English specification	
115	110	215	55	Ext. for reply within first month	
117	870	217	435	Ext. for reply within third month	
128	1,850	228	925	Ext. for reply within fifth month	
120	300	220	150	Filing brief in support of appeal	
140	110	240	55	Petition to revive - unavoidable	
142	1,210	242	605	Utility issue fee (or reissue)	
123	50	123	50	Petitions related to prov. appl.	
146	690	246	345	Filing submission after final rejection (37 CFR 1.129(a))	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
143	430	243	215	Design issue fee	
581	40	581	40	Recording patent assignment	
* Reduced by Basic Filing Fee Paid					

SUBTOTAL (3) \$435.00
TOTAL AMOUNT TO BE CHARGED (\$435.00)

SUBMITTED BY

Typed or Printed Name	Dianna L. DeVore, BOZICEVIC, FIELD & FRANCIS LLP	Complete (if applicable)	
Signature	<i>Dianna L. DeVore</i>	Reg. Number	42,484
Date	August 31, 2000	Deposit Account	50-0815



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/408,761 09/29/99 DALE R 9119-021

HM22/0731

DIANNA L DEVORE
BOZICEVIC FIELD AND FRANCIS LLP
200 MIDDLEFIELD ROAD, SUITE 200
MENLO PARK, CA 94025

EXAMINER

LUNDGREN, J

ART UNIT

PAPER NUMBER

1631

DATE MAILED:

07/31/00

RECEIVED

SEP 14 2000

TECH CENTER 1600/2900

WAF
DL
Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

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SEP 12 2000

TECH CENTER 1600/2900

DOCKETED

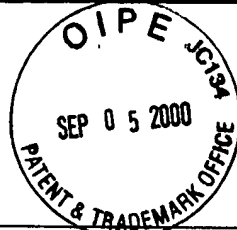
Reg. List 8/31/2000
LD 1/31/2000

(Must pay \$-mtb/ft. previously owed.)

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AUG 07 2000

Bozicevic, Field & Francis



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER

ART UNIT

PAPER

8

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

The reply filed on March 27, 2000 is not fully responsive to the prior Office Action because:

The originally presented claims (claims 1-15, now cancelled) are drawn to an array comprising a plurality of oligonucleotides, wherein the backbone structure of the oligonucleotides is modified such that the binding affinity of the modified oligonucleotide to a respective target has an increased binding affinity compared to the native oligonucleotide. However, the newly presented claims are now drawn to an array comprising a plurality of oligonucleotides, wherein the backbone structure of the oligonucleotides is modified at the 2' position of the ribose such that the binding affinity of the modified oligonucleotide to a respective target is substantially the same as the binding affinity (i.e., a measure scalable with T_m) when compared to the native oligonucleotide.

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures.

A CRF, fully compliant with the above stated rules, is required for any search and examination to proceed. A fully responsive communication will contain both a proper election of a group, and 10 sequences, as well as fulfillment of the sequence rules, as required.

Since the period for reply set forth in the prior Office action has expired, this application will become abandoned unless applicant corrects the deficiency and obtains an extension of time under 37 CFR 1.136(a).

The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. In no case may an applicant reply outside the SIX (6) MONTH statutory period or obtain an extension for more than FIVE (5) MONTHS beyond the date for reply set forth in an Office action. A fully responsive reply must be timely filed to avoid abandonment of this application.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Jeffrey S. Lundgren whose telephone number is (703) 306-3221. The Examiner can normally be reached on Monday-Thursday from 8:00 AM to 5:30 PM (EST), and alternating Fridays from 8:00 AM to 4:30 PM (EST).

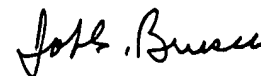
If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Dr. Michael Woodward, can be reached at (703) 308-4028.

Any inquiries of a general nature relating to this application should be directed to the Technical Center Receptionist whose telephone number is (703) 308-0196.

Papers related to this application may be submitted by facsimile transmission. Papers should be faxed to Group 1631 using

(703) 308-0294. Please notify the Examiner of incoming facsimiles prior to sending papers to the aforementioned fax number. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG (November 15, 1989.)

Jeffrey S. Lundgren, Ph.D.



JOHN S. BRUSCA, PH.D
PRIMARY EXAMINER